

|                       |  |
|-----------------------|--|
| <b>Project Title:</b> | Epidemiology and Biomarkers of Parkinsonism in Welders |
| <b>PI:</b>            | Racette, Brad A  |
| <b>Institution:</b>   | Washington University                                  |
| <b>Grant Number:</b>  | K24ES017765  |

These search results have not been confirmed by NIEHS and are therefore, not official. They are to be used only for general information and to inform the public and grantees on the breadth of research funded by NIEHS.

Viewing 31 publications

Print version (PDF)

([http://www.niehs.nih.gov/portfolio/index.cfm/portfolio/grantpubdetail/grant\\_number/K24ES017765/format/word](http://www.niehs.nih.gov/portfolio/index.cfm/portfolio/grantpubdetail/grant_number/K24ES017765/format/word))

| Publication Title   | Authors   | Journal (Pub date)                   | Volume/Page | PubMed Link                     |
|---|---|--------------------------------------|-------------|---------------------------------|
| Basal ganglia intensity indices and diffusion weighted imaging in manganese-exposed welders.            | Criswell, Susan R; Perlmutter, Joel S; Huang, John L; Golchin, Nima; Flores, Hubert P; Hobson, Angela; Aschner, Michael; Erikson, Keith M; Checkoway, Harvey; Racette, Brad A | Occup Environ Med (2012 Jun)         | 69 / 437-43 | <a href="#">PubMed Citation</a> |
| Clinical presentation and self-reported patterns of pain and function in patients with plantar heel ... | Klein, Sandra E; Dale, Ann Marie; Hayes, Marcie Harris; Johnson, Jeffrey E; McCormick, Jeremy J; Racette, Brad A  | Foot Ankle Int (2012 Sep)            | 33 / 693-8  | <a href="#">PubMed Citation</a> |
| Disparities in deep brain stimulation surgery among insured elders with Parkinson disease.              | Willis, Allison W; Schootman, Mario; Kung, Nathan; Wang, Xiao-Yu; Perlmutter, Joel S; Racette, Brad A   | Neurology (2014 Jan 14)              | 82 / 163-71 | <a href="#">PubMed Citation</a> |
| Effects of parkinsonism on health status in welding exposed workers.                                    | Harris, Rachel C; Lundin, Jessica I; Criswell, Susan R; Hobson, Angela; Swisher, Laura M; Evanoff, Bradley A; Checkoway, Harvey; Racette, Brad A                              | Parkinsonism Relat Disord (2011 Nov) | 17 / 672-6  | <a href="#">PubMed Citation</a> |

|   |   |                                      |              |                 |
|---|---|--------------------------------------|--------------|-----------------|
|   | Brad A  |                                      |              |                 |
| Epidemiology and neuropsychiatric manifestations of Young Onset Parkinson's Disease in the United States ...    | Willis, A W; Schootman, M; Kung, N; Racette, B A  | Parkinsonism Relat Disord (2013 Feb) | 19 / 202-6   | PubMed Citation |
| Estimation of particulate mass and manganese exposure levels among welders.                                     | Hobson, Angela; Seixas, Noah; Sterling, David; Racette, Brad A  | Ann Occup Hyg (2011 Jan)             | 55 / 113-25  | PubMed Citation |
| Ex vivo magnetic resonance imaging in South African manganese mine workers.                                     | Criswell, Susan R; Nelson, Gill; Gonzalez-Cuyar, Luis F; Huang, John; Shimony, Joshua S; Checkoway, Harvey; Simpson, Christopher D; Dills, Russell; Seixas, Noah S; Racette, Brad A | Neurotoxicology (2015 Jul)           | 49 / 8-14    | PubMed Citation |
| Formulations of hormone therapy and risk of Parkinson's disease.  | Lundin, Jessica I; Ton, Thanh G N; LaCroix, Andrea Z; Longstreth, W T; Franklin, Gary M; Swanson, Phillip D; Smith-Weller, Terri; Racette, Brad A; Checkoway, Harvey                | Mov Disord (2014 Nov)                | 29 / 1631-6  | PubMed Citation |
| Geographic and ethnic variation in Parkinson disease: a population-based study of US Medicare beneficiaries ... | Wright Willis, Allison; Evanoff, Bradley A; Lian, Min; Criswell, Susan R; Racette, Brad A   | Neuroepidemiology (2010)             | 34 / 143-51  | PubMed Citation |
| Increased risk of parkinsonism associated with welding exposure.  | Racette, Brad A; Criswell, Susan R; Lundin, Jessica I; Hobson, Angela; Seixas, Noah; Kotzbauer, Paul T; Evanoff, Bradley A; Perlmuter, Joel S; Zhang, Jing;                         | Neurotoxicology (2012 Oct)           | 33 / 1356-61 | PubMed Citation |

|  |  |                                      |               |                 |
|--|--|--------------------------------------|---------------|-----------------|
|  | Sheppard,<br>Lianne;<br>Checkoway,<br>Harvey   |                                      |               |                 |
| Inducible nitric oxide synthase gene methylation and parkinsonism in manganese-exposed welders.          | Searles Nielsen, Susan; Checkoway, Harvey; Criswell, Susan R; Farin, Federico M; Stapleton, Patricia L; Sheppard, Lianne; Racette, Brad A  | Parkinsonism Relat Disord (2015 Apr) | 21 / 355-60   | PubMed Citation |
| Manganism in the 21st century: the Hanninen lecture.   | Racette, Brad A  | Neurotoxicology (2014 Dec)           | 45 / 201-7    | PubMed Citation |
| Metal emissions and urban incident Parkinson disease: a community health study of Medicare beneficia ... | Willis, Allison W; Evanoff, Bradley A; Lian, Min; Galarza, Aiden; Wegryzn, Andrew; Schootman, Mario; Racette, Brad A   | Am J Epidemiol (2010 Dec 15)         | 172 / 1357-63 | PubMed Citation |
| Natural history of multiple system atrophy in the USA: a prospective cohort study.                       | Low, Phillip A; Reich, Stephen G; Jankovic, Joseph; Shults, Clifford W; Stern, Matthew B; Novak, Peter; Tanner, Caroline M; Gilman, Sid; Marshall, Frederick J; Wooten, Frederick; Racette, Brad; Chelimsky, Thomas; Singer, Wolfgang; Sletten, David M; Sandroni, Paola; Mandrekar, Jay | Lancet Neurol (2015 Jul)             | 14 / 710-9    | PubMed Citation |

|  |   |  |             |                 |
|--|---|--|-------------|-----------------|
| Neurological outcomes associated with low-level manganese exposure in an inception cohort of asymptomatic individuals. | Baker, Marissa G; Criswell, Susan R; Racette, Brad A; Simpson, Christopher D; Sheppard, Lianne; Checkoway, Harvey; Seixas, Noah S | Scand J Work Environ Health (2015 Jan) | 41 / 94-101 | PubMed Citation |
| Neurologist care in Parkinson disease: a utilization, outcomes, and survival study.                                    | Willis, A W; Schootman, M; Evanoff, B A; Perlmutter, J S; Racette, B A  | Neurology (2011 Aug 30)                | 77 / 851-7  | PubMed Citation |
| Neuromythology of Manganism.   | Andruska, Kristin M; Racette, And Brad A  | Curr Epidemiol Rep (2015 Jun)          | 2 / 143-148 | PubMed Citation |
| Nursing home and end-of-life care in Parkinson disease.  | Safarpour, Delaram; Thibault, Dylan P; DeSanto, Cori L; Boyd, Cynthia M; Dorsey, E Ray; Racette, Brad A; Willis, Allison W        | Neurology (2015 Aug 4)                 | 85 / 413-9  | PubMed Citation |
| Pathophysiology of manganese-associated neurotoxicity.   | Racette, Brad A; Aschner, Michael; Guilarte, Tomas R; Dydak, Ulrike; Criswell, Susan R; Zheng, Wei                                | Neurotoxicology (2012 Aug)             | 33 / 881-6  | PubMed Citation |
| Physician response to a medication alert system in inpatients with levodopa-treated diseases.                          | Morris, Marie; Willis, Allison W; Searles, Nielsen, Susan; McCann, Franklin; Birke, Angela; Racette, Brad A                       | Neurology (2015 Aug 4)                 | 85 / 420-4  | PubMed Citation |
| Predictors of survival in patients with Parkinson disease.   | Willis, Allison W; Schootman, Mario; Kung, Nathan; Evanoff, Bradley A; Perlmutter, Joel S; Racette, Brad                          | Arch Neurol (2012 May)                 | 69 / 601-7  | PubMed Citation |

|  | A   |   |              |                 |
|--|---|---|--------------|-----------------|
| Pregnancy in multiple system atrophy: a case report.   | Zhu, Lirong; Cairns, Nigel J; Tabbal, Samer D; Racette, Brad A  | J Med Case Rep<br>(2011)                | 5 / 599      | PubMed Citation |
| Quantitative neuropathology associated with chronic manganese exposure in South African mine workers ... | Gonzalez-Cuyar, Luis F; Nelson, Gill; Criswell, Susan R; Ho, Pokuan; Lonzanida, Jaymes A; Checkoway, Harvey; Seixas, Noah; Gelman, Benjamin B; Evanoff, Bradley A; Murray, Jill; Zhang, Jing; Racette, Brad A | Neurotoxicology<br>(2014 Dec)           | 45 / 260-6   | PubMed Citation |
| Reduced uptake of FDOPA PET in end-stage liver disease with elevated manganese levels.                   | Criswell, Susan R; Perlmutter, Joel S; Crippin, Jeffrey S; Videen, Tom O; Moerlein, Stephen M; Flores, Hubert P; Birke, Angela M; Racette, Brad A   | Arch Neurol (2012 Mar)                  | 69 / 394-7   | PubMed Citation |
| Research capacity development in South African manganese mines to bridge exposure and neuropathologi ... | Nelson, Gill; Criswell, Susan R; Zhang, Jing; Murray, Jill; Racette, Brad A   | Neurotoxicology<br>(2012 Aug)           | 33 / 683-6   | PubMed Citation |
| Screening for early detection of parkinsonism using a self-administered questionnaire: a cross-secti ... | Lundin, Jessica I; Checkoway, Harvey; Criswell, Susan R; Hobson, Angela J; Harris, Rachel C; Swisher, Laura M; Evanoff, Bradley A; Racette, Brad A  | Neurotoxicology<br>(2014 Dec)           | 45 / 232-7   | PubMed Citation |
| Sensitivity and specificity of the finger tapping task for the detection of psychogenic movement dis ... | Criswell, Susan; Sterling, Callen; Swisher, Laura; Evanoff, Brad; Racette, Brad A   | Parkinsonism Relat Disord<br>(2010 Mar) | 16 / 197-201 | PubMed Citation |

|  |   |                                    |             |                 |
|--|---|------------------------------------|-------------|-----------------|
| Systemic weakness after therapeutic injections of botulinum toxin a: a case series and review of the ...   | Crowner, Beth E; Torres-Rusotto, Diego; Carter, Alexandre R; Racette, Brad A  | Clin Neuropharmacol (2010 Sep-Oct) | 33 / 243-7  | PubMed Citation |
| TT THAP1 sequence variant does not increase risk for primary dystonia."> The c.-237_236GA>TT THAP1 sequence variant does not increase risk for primary dystonia. | Xiao, Jianfeng; Zhao, Yu; Bastian, Robert W; Perlmutter, Joel S; Racette, Brad A; Tabbal, Samer D; Karimi, Morvarid; Paniello, Randal C; Wszolek, Zbigniew K; Uitti, Ryan J; Van Gerpen, Jay A; Simon, David K; Tarsy, Daniel; Hedera, Peter; Truong, Daniel D; Frei, Karen P; Blitzer, Andrew; Rudzińska, Monika; Pfeiffer, Ronald F; Le, Carrie; LeDoux, Mark S | Mov Disord (2011 Feb 15)           | 26 / 549-52 | PubMed Citation |
| Time to change the blind men and the elephant approach to Parkinson disease?   | Racette, Brad A; Willis, Allison W  | Neurology (2015 Jul 14)            | 85 / 190-6  | PubMed Citation |
| Variables associated with return to sport following anterior cruciate ligament reconstruction: a sys ...   | Czuppon, Sylvia; Racette, Brad A; Klein, Sandra E; Harris-Hayes, Marcie   | Br J Sports Med (2014 Mar)         | 48 / 356-64 | PubMed Citation |